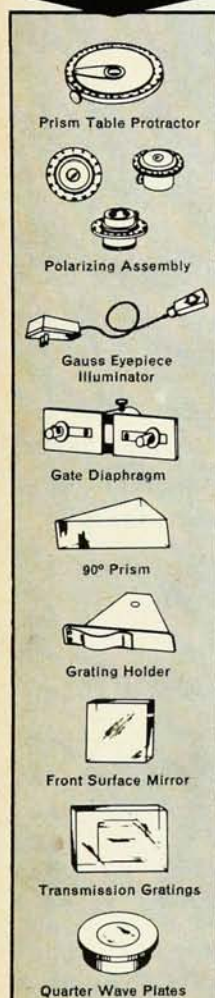




STUDENT SPECTROMETER WITH NEW LABORATORY MANUAL

ACCESSORIES



Prices for accessories
upon request

A comprehensive laboratory manual, written by Dr. Peck, explains the theory and operation of the instrument, and presents in detail a group of basic experiments.

Designed in collaboration with Professor Edson R. Peck, physicist and educator, the Model L103 Gaertner-Peck student spectrometer is ideally suited for demonstration of basic spectrometry principles in the modern physics curriculum. With the addition of a wide range of specially designed accessories, the L103 is equally suited for use in advanced courses.

Protected precision adjustments as well as semi-permanent horizontal positioning of the telescope and collimator guard against accidental misalignment.

CONDENSED SPECIFICATIONS

DIVIDED CIRCLE.....	190 mm dia., smallest division $\frac{1}{2}^\circ$.
VERNIER WITH MAGNIFIER.....	reads to 1 minute.
OBJECTIVES.....	Achromatic, 20 mm aperture, focal length 130 mm.
EYEPIECE.....	Gauss-Ramsden, 14X.
RETICLE.....	90° cross hairs.
PRICE.....	\$282.00 (less accessories).

SEND FOR BULLETIN 206-63 FOR COMPLETE INFORMATION

Gaertner's other educational instruments

Cathetometers—Bulletin 162-63
Spectroscopes—Bulletin 154-63
Optical Benches—Bulletin 156-63
Microscopes—Bulletin 161-62
Slits—Bulletin 160-63
Light Sources—Bulletin 207-63

GSC-4-211

Gaertner

SCIENTIFIC CORPORATION

1234A Wrightwood Ave., Chicago 14, Ill.
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and G. Tollin of the University of Arizona (the possible role of solid-state phenomena in biological processes).

Advance registration is required by May 11. Further information and registration forms are available from Dr. M. M. Labes, The Franklin Institute Laboratories, 20th and Parkway, Philadelphia 3, Pa.

Frequency Control

The US Army Electronics Research and Development Laboratories will sponsor the Eighteenth Annual Frequency Control Symposium, which will be held at the Shelburne Hotel in Atlantic City from May 4 to 6. The program will include about thirty papers and will deal with quartz crystal units, atomic and molecular resonance devices, piezoelectric resonators, masers, and the fundamental properties of quartz.

Further information is available from the US Army Electronics Research and Development Laboratories, Fort Monmouth, N. J.

Molecular Spectroscopy

This year's symposium on molecular structure and spectroscopy will be held at Ohio State University's Department of Physics from June 15 through 19. The meeting will cover the phases of spectroscopy that are of current interest, including methods of obtaining molecular spectroscopic data and their interpretation. Dormitory accommodations will be available.

For further information, and for a copy of the program when it becomes available, write to Professor Harald H. Nielsen, Department of Physics, The Ohio State University, 174 West 18th Avenue, Columbus, Ohio.

NMR and ESR

A conference on nuclear-magnetic and electron-spin resonance studies of biological molecules and systems will take place July 20 to 22 at the American Academy of Arts and Sciences in Boston. Specific subjects will include radiation damage in nucleic acids, enzyme action, conformation studies of proteins and nucleic acids, light-induced